On giving research presentations

Pick a paper

- Pick your target
- Consider your interests
- Read abstract, skim

Understand the paper

- Deeply read the paper, make notes
  - What are the contributions?
  - What is the problem?
  - How did they solve it?
  - What's the trade-off?
  - How did they evaluate it?

Outline

- Motivation (2 slides)

- Introduction/related work (2 slides)

- Methodology/objectives (1 slide)

- Design / Implementation (3-6 slides)

- Evaluation (2-3 slides)

- Future Directions (1 slide)

- Conclusion (1 slide)

Motivation (2 slides)

- Why is the problem important?

- What is the impact?

- "Gentle introduction"

Introduction (2 slides)

- Discuss the scope of the problem

- What is the attacker model?

- What are the constraints/environment?

Methodology / objectives (1 slide)

- Give a high level overview in 1 slide
- What is the project about?
- What is the key issue?
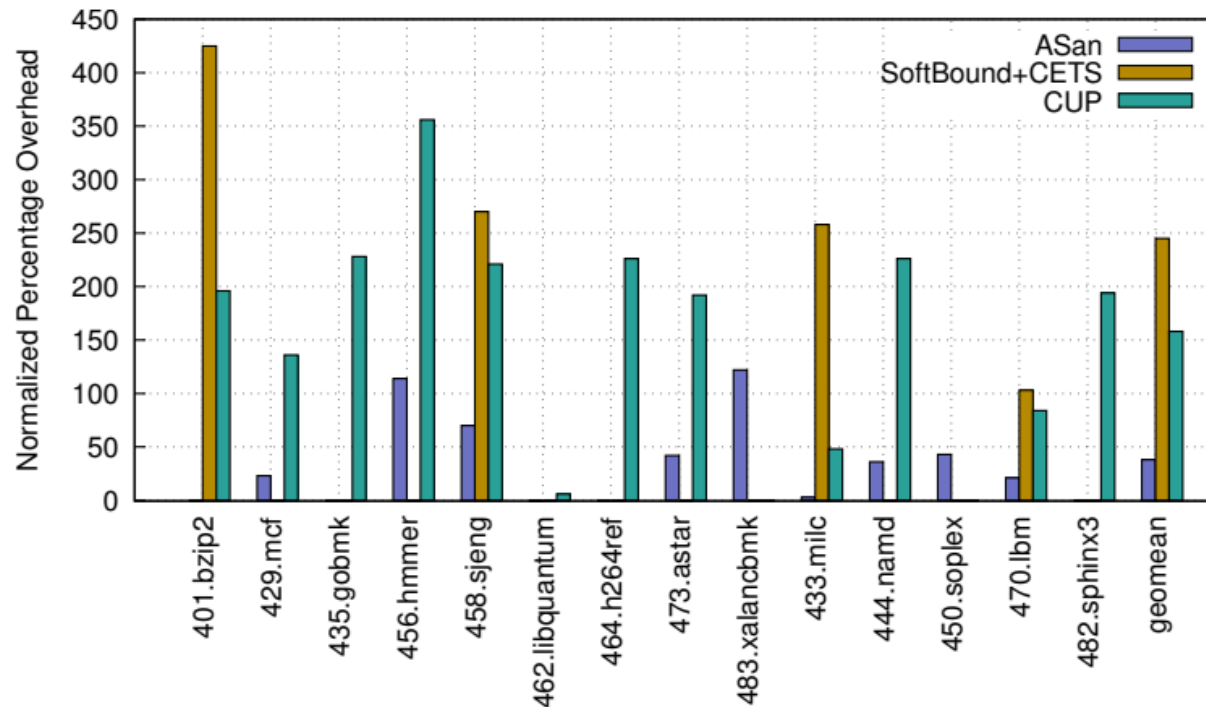- Abstract the policy/mechanism in a few words

Design / Implementation (3-6 slides)

- This is the deep part

- Focus on core features

- Maybe mention one neat trick

Evaluation (2-3 slides)

- How was the system evaluated?

- What software was used?

- Why was this software used?

Future Directions (1 slide)

- What is missing?
- Why was it used/not used?
- What are the drawbacks?
- Any real world impact?
- What is missing?

Conclusion (1 slide)

- Wrap up presentation
- Reiterate main talking points
- List points for discussion
- Highlight issues